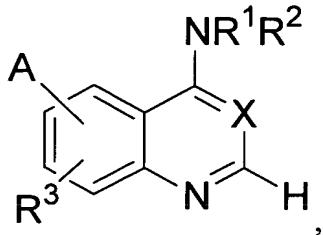


**WE CLAIM:**

1. A compound including resolved enantiomers, diastereomers, solvates and pharmaceutically acceptable salts thereof, said compound comprising Formula I:



wherein an A group is bonded to at least one of the carbons at the 5, 6, 7 or 8 position of the bicyclic ring, and the ring is substituted by up to three independent R<sup>3</sup> groups;

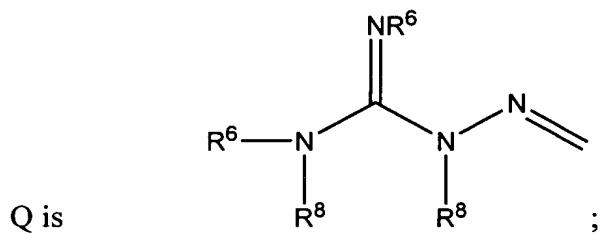
X is N, CH, CF or C-CN;

R<sup>1</sup> is a substituted or unsubstituted, monocyclic or bicyclic, aryl or heteroaryl moiety;

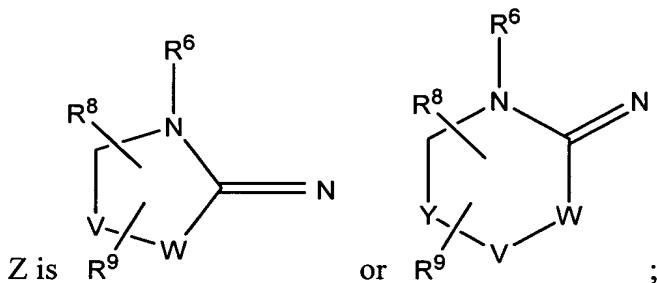
R<sup>2</sup> is H or a substituted or unsubstituted C<sub>1-8</sub> alkyl;

R<sup>3</sup> is hydrogen, halogen, cyano, nitro, C<sub>1-C<sub>10</sub></sub> alkyl, C<sub>2-C<sub>10</sub></sub> alkenyl, C<sub>2-C<sub>10</sub></sub> alkynyl, C<sub>3-C<sub>10</sub></sub> cycloalkyl, C<sub>3-C<sub>10</sub></sub> cycloalkylalkyl, aryl, arylalkyl, heteroaryl, heteroarylalkyl, heterocyclyl, heterocyclylalkyl, -NR<sup>4</sup>SO<sub>2</sub>R<sup>5</sup>, -SO<sub>2</sub>NR<sup>6</sup>R<sup>4</sup>, -C(O)R<sup>6</sup>, -C(O)OR<sup>6</sup>, -OC(O)R<sup>6</sup>, -NR<sup>4</sup>C(O)OR<sup>5</sup>, -NR<sup>4</sup>C(O)R<sup>6</sup>, -C(O)NR<sup>4</sup>R<sup>6</sup>, -NR<sup>4</sup>R<sup>6</sup>, -NR<sup>4</sup>C(O)NR<sup>4</sup>R<sup>6</sup>, -OR<sup>6</sup>, -S(O)R<sup>5</sup>, -SO<sub>2</sub>R<sup>5</sup>, where each of the above alkyl, alkenyl, alkynyl, cycloalkyl, aryl, heteroaryl and heterocyclyl portion of R<sup>3</sup> is optionally substituted with one to five groups independently selected from oxo, halogen, cyano, nitro, trifluoromethyl, difluoromethoxy, trifluoromethoxy, azido, -NR<sup>4</sup>SO<sub>2</sub>R<sup>5</sup>, -SO<sub>2</sub>NR<sup>6</sup>R<sup>4</sup>, -C(O)R<sup>6</sup>, -C(O)OR<sup>6</sup>, -OC(O)R<sup>6</sup>, -NR<sup>4</sup>C(O)OR<sup>5</sup>, -NR<sup>4</sup>C(O)CR<sup>6</sup>, -C(O)NR<sup>4</sup>R<sup>6</sup>, -NR<sup>4</sup>R<sup>6</sup>, -NR<sup>4</sup>C(O)NR<sup>4</sup>R<sup>6</sup>, -NR<sup>4</sup>C(NCN)NR<sup>4</sup>R<sup>6</sup>, -OR<sup>6</sup>, -S(O)R<sup>5</sup>, -SO<sub>2</sub>R<sup>5</sup>, aryl, arylalkyl, heteroaryl, heteroarylalkyl, heterocyclyl, and heterocyclylalkyl;

A is Q or -(U)<sub>n</sub>Z, where



n is 0 or 1, and U is C<sub>1</sub>-C<sub>4</sub> alkyl, C<sub>2</sub>-C<sub>4</sub> alkenyl or C<sub>2</sub>-C<sub>4</sub> alkynyl; where each alkyl, alkenyl or alkynyl is optionally substituted with up to five groups independently selected from oxo, halogen, cyano, nitro, trifluoromethyl, difluoromethoxy, trifluoromethoxy, azido, -NR<sup>4</sup>SO<sub>2</sub>R<sup>5</sup>, -SO<sub>2</sub>NR<sup>6</sup>R<sup>4</sup>, -C(O)R<sup>6</sup>, -C(O)OR<sup>6</sup>, -OC(O)R<sup>6</sup>, -NR<sup>4</sup>C(O)OR<sup>5</sup>, -NR<sup>4</sup>C(O)CR<sup>6</sup>, -C(O)NR<sup>4</sup>R<sup>6</sup>, -NR<sup>4</sup>R<sup>6</sup>, -NR<sup>4</sup>C(O)NR<sup>4</sup>R<sup>6</sup>, -NR<sup>4</sup>C(NCN)NR<sup>4</sup>R<sup>6</sup>, -OR<sup>6</sup>, -S(O)R<sup>5</sup>, -SO<sub>2</sub>R<sup>5</sup>, aryl, arylalkyl, heteroaryl, heteroarylalkyl, heterocyclyl, and heterocyclylalkyl;



where W, V and Y are selected independently from CR<sup>7</sup>R<sup>8</sup>, CR<sup>8</sup>R<sup>9</sup>, O, NR<sup>6</sup>, S, SO, SO<sub>2</sub>, provided

if W is O, NR<sup>6</sup>, S, SO, SO<sub>2</sub>, then V is CR<sup>8</sup>R<sup>9</sup>,

if V is O, NR<sup>6</sup>, S, SO, SO<sub>2</sub>, then W and Y are each CR<sup>8</sup>R<sup>9</sup>, and

if Y is O, NR<sup>6</sup>, S, SO, SO<sub>2</sub>, then V is CR<sup>8</sup>R<sup>9</sup>;

Z includes one or more R<sup>8</sup> or R<sup>9</sup> groups, wherein said R<sup>8</sup> and R<sup>9</sup> groups may be bonded to the same or different atoms;

R<sup>4</sup> is H or C<sub>1-6</sub> alkyl;

R<sup>5</sup> is trifluoromethyl, C<sub>1</sub>-C<sub>10</sub> alkyl, C<sub>3</sub>-C<sub>10</sub> cycloalkyl, aryl, arylalkyl, heteroaryl, heteroarylalkyl, heterocyclyl, heterocyclylalkyl, where each alkyl, cycloalkyl, aryl, heteroaryl, heterocyclyl and heterocyclylalkyl is optionally substituted with one to five groups independently selected from oxo, halogen, cyano, nitro, OR<sup>6</sup>,

$\text{NR}^4\text{R}^6$ , trifluoromethyl, difluoromethoxy, trifluoromethoxy, azido, aryl, heteroaryl, arylalkyl, heteroarylalkyl, heterocyclyl, and heterocyclylalkyl;

$\text{R}^6$ ,  $\text{R}^8$  and  $\text{R}^9$  are independently selected from hydrogen, trifluoromethyl,  $\text{C}_1\text{-C}_{10}$  alkyl,  $(\text{CH}_2)_{0-4}\text{C}_3\text{-C}_{10}$  cycloalkyl, aryl, arylalkyl, heteroaryl, heteroarylalkyl, heterocyclyl, heterocyclylalkyl, where each alkyl, cycloalkyl, aryl, heteroaryl and heterocyclyl is optionally substituted with one to five groups independently selected from oxo, halogen, cyano, nitro,  $\text{OR}^6$ ,  $\text{NR}^6\text{R}^8$ , trifluoromethyl, difluoromethoxy, trifluoromethoxy, azido, aryl, heteroaryl, arylalkyl, heteroarylalkyl, heterocyclyl, and heterocyclylalkyl; provided if  $\text{R}^6$  is directly bonded to  $\text{Z}$ , then  $\text{R}^6$  is not hydrogen;

$\text{R}^7$  is hydrogen, halogen, cyano, nitro,  $\text{C}_1\text{-C}_{10}$  alkyl,  $\text{C}_2\text{-C}_{10}$  alkenyl,  $\text{C}_2\text{-C}_{10}$  alkynyl,  $\text{C}_3\text{-C}_{10}$  cycloalkyl,  $\text{C}_3\text{-C}_{10}$  cycloalkylalkyl, aryl, arylalkyl, heteroaryl, heteroarylalkyl, heterocyclyl, heterocyclylalkyl,  $-\text{NR}^4\text{SO}_2\text{R}^5$ ,  $-\text{SO}_2\text{NR}^6\text{R}^4$ ,  $-\text{C}(\text{O})\text{R}^6$ ,  $-\text{C}(\text{O})\text{OR}^6$ ,  $-\text{OC}(\text{O})\text{R}^6$ ,  $-\text{NR}^4\text{C}(\text{O})\text{OR}^5$ ,  $-\text{NR}^4\text{C}(\text{O})\text{R}^6$ ,  $-\text{C}(\text{O})\text{NR}^4\text{R}^6$ ,  $-\text{NR}^4\text{R}^6$ ,  $-\text{NR}^4\text{C}(\text{O})\text{NR}^4\text{R}^6$ ,  $-\text{OR}^6$ ,  $-\text{S}(\text{O})\text{R}^5$ ,  $-\text{SO}_2\text{R}^5$ , where each of the above alkyl, alkenyl, alkynyl, cycloalkyl, aryl, heteroaryl and heterocyclyl portion of  $\text{R}^3$  is optionally substituted with one to five groups independently selected from oxo, halogen, cyano, nitro, trifluoromethyl, difluoromethoxy, trifluoromethoxy, azido,  $-\text{NR}^4\text{SO}_2\text{R}^5$ ,  $-\text{SO}_2\text{NR}^6\text{R}^4$ ,  $-\text{C}(\text{O})\text{R}^6$ ,  $-\text{C}(\text{O})\text{OR}^6$ ,  $-\text{OC}(\text{O})\text{R}^6$ ,  $-\text{NR}^4\text{C}(\text{O})\text{OR}^5$ ,  $-\text{NR}^4\text{C}(\text{O})\text{CR}^6$ ,  $-\text{C}(\text{O})\text{NR}^4\text{R}^6$ ,  $-\text{NR}^4\text{R}^6$ ,  $-\text{NR}^4\text{C}(\text{O})\text{NR}^4\text{R}^6$ ,  $-\text{NR}^4\text{C}(\text{NCN})\text{NR}^4\text{R}^6$ ,  $-\text{OR}^6$ ,  $-\text{S}(\text{O})\text{R}^5$ ,  $-\text{SO}_2\text{R}^5$ , aryl, arylalkyl, heteroaryl, heteroarylalkyl, heterocyclyl, and heterocyclylalkyl;

an  $\text{R}^4$  group and an  $\text{R}^6$  group may be independently joined to complete a 3 to 10 membered cyclic ring optionally containing additional heteroatoms selected from the group consisting of O, S, SO,  $\text{SO}_2$  and  $\text{NR}^6$  where each ring carbon may be optionally substituted with one to three groups independently selected from halogen, cyano, nitro, trifluoromethyl, difluoromethoxy, trifluoromethoxy, azido, aryl,  $\text{OR}^8$ ,  $\text{NR}^6\text{R}^8$ , heteroaryl, arylalkyl, heteroarylalkyl, heterocyclyl, and heterocyclylalkyl; provided said ring does not contain two adjacent O or two adjacent S atoms;

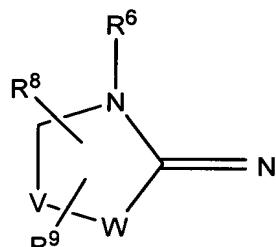
an  $\text{R}^6$  group and an  $\text{R}^8$  group may be independently joined to complete a 3 to 10 membered cyclic ring optionally containing additional heteroatoms selected from the group consisting of O, S, SO,  $\text{SO}_2$  and  $\text{NR}^6$  where each ring carbon may be

optionally substituted with one to three groups independently selected from halogen, cyano, nitro, trifluoromethyl, difluoromethoxy, trifluoromethoxy, azido, aryl, OR<sup>8</sup>, NR<sup>6</sup>R<sup>8</sup>, heteroaryl, arylalkyl, heteroarylalkyl, heterocyclyl, and heterocyclylalkyl; provided said ring does not contain two adjacent O or two adjacent S atoms;

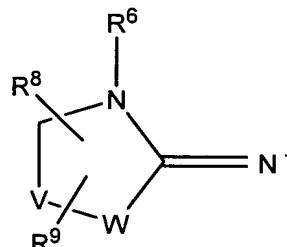
an R<sup>7</sup> group and an R<sup>8</sup> group may be independently joined to complete a 3 to 10 membered cyclic ring optionally containing additional heteroatoms selected from the group consisting of O, S, SO, SO<sub>2</sub> and NR<sup>6</sup> where each ring carbon may be optionally substituted with one to three groups independently selected from halogen, cyano, nitro, trifluoromethyl, difluoromethoxy, trifluoromethoxy, azido, aryl, OR<sup>8</sup>, NR<sup>6</sup>R<sup>8</sup>, heteroaryl, arylalkyl, heteroarylalkyl, heterocyclyl, and heterocyclylalkyl; provided said ring does not contain two adjacent O or two adjacent S atoms; and

an R<sup>8</sup> group and an R<sup>9</sup> group may be independently joined to complete a 3 to 10 membered cyclic ring optionally containing additional heteroatoms selected from the group consisting of O, S, SO, SO<sub>2</sub> and NR<sup>6</sup> where each ring carbon may be optionally substituted with one to three groups independently selected from halogen, cyano, nitro, trifluoromethyl, difluoromethoxy, trifluoromethoxy, azido, aryl, OR<sup>8</sup>, NR<sup>6</sup>R<sup>8</sup>, heteroaryl, arylalkyl, heteroarylalkyl, heterocyclyl, and heterocyclylalkyl; provided said ring does not contain two adjacent O or two adjacent S atoms.

2. The compound of claim 1, wherein R<sup>2</sup> is a C<sub>1-8</sub> alkyl having a terminal carbon atom bound to one of the ring atoms of R<sup>1</sup>.
3. The compound of claim 1, wherein an A group is bonded to at least one of the carbons at the 6 or 7 position of the bicyclic ring.
4. The compound of claim 1, wherein R<sup>2</sup> is hydrogen, R<sup>3</sup> is hydrogen or OR<sup>6</sup>, and X is N or C-CN.
5. The compound of claim 3, wherein R<sup>3</sup> is hydrogen or OR<sup>6</sup>, n is 0, and X is N or C-CN.
6. The compound of claim 1, wherein R<sup>2</sup> is hydrogen.



7. The compound of claim 1, wherein Z is  $\text{CR}^8\text{R}^9$ , W is O and X is



8. The compound of claim 5, wherein Z is  $\text{CR}^8\text{R}^9$ , W is O and X is

9. The compound of claim 1, wherein the  $\text{R}^4$  group and the  $\text{R}^6$  group are independently joined to complete a 3 to 10 membered cyclic ring optionally containing additional heteroatoms selected from the group consisting of O, S, SO,  $\text{SO}_2$  and  $\text{NR}^6$  where each ring carbon may be optionally substituted with one to three groups independently selected from halogen, cyano, nitro, trifluoromethyl, difluoromethoxy, trifluoromethoxy, azido, aryl,  $\text{OR}^8$ ,  $\text{NR}^6\text{R}^8$ , heteroaryl, arylalkyl, heteroarylalkyl, heterocyclyl, and heterocyclylalkyl; provided said ring does not contain two adjacent O or two adjacent S atoms.

10. The compound of claim 1, wherein the  $\text{R}^6$  group and the  $\text{R}^8$  group are independently joined to complete a 3 to 10 membered cyclic ring optionally containing additional heteroatoms selected from the group consisting of O, S, SO,  $\text{SO}_2$  and  $\text{NR}^6$  where each ring carbon may be optionally substituted with one to three groups independently selected from halogen, cyano, nitro, trifluoromethyl, difluoromethoxy, trifluoromethoxy, azido, aryl,  $\text{OR}^8$ ,  $\text{NR}^6\text{R}^8$ , heteroaryl, arylalkyl, heteroarylalkyl, heterocyclyl, and heterocyclylalkyl; provided said ring does not contain two adjacent O or two adjacent S atoms.

11. The compound of claim 1, wherein the  $\text{R}^7$  group and the  $\text{R}^8$  group are independently joined to complete a 3 to 10 membered cyclic ring optionally

containing additional heteroatoms selected from the group consisting of O, S, SO, SO<sub>2</sub> and NR<sup>6</sup> where each ring carbon may be optionally substituted with one to three groups independently selected from halogen, cyano, nitro, trifluoromethyl, difluoromethoxy, trifluoromethoxy, azido, aryl, OR<sup>8</sup>, NR<sup>6</sup>R<sup>8</sup>, heteroaryl, arylalkyl, heteroarylalkyl, heterocyclyl, and heterocyclylalkyl; provided said ring does not contain two adjacent O or two adjacent S atoms

12. The compound of claim 1, wherein the R<sup>8</sup> group and the R<sup>9</sup> group are independently joined to complete a 3 to 10 membered cyclic ring optionally containing additional heteroatoms selected from the group consisting of O, S, SO, SO<sub>2</sub> and NR<sup>6</sup> where each ring carbon may be optionally substituted with one to three groups independently selected from halogen, cyano, nitro, trifluoromethyl, difluoromethoxy, trifluoromethoxy, azido, aryl, OR<sup>8</sup>, NR<sup>6</sup>R<sup>8</sup>, heteroaryl, arylalkyl, heteroarylalkyl, heterocyclyl, and heterocyclylalkyl; provided said ring does not contain two adjacent O or two adjacent S atoms.

13. A method of treating hyperproliferative diseases in a mammal comprising administering a therapeutically effective amount of the compound defined in claim 1 to said mammal.

14. A method of treating hyperproliferative diseases in a mammal comprising administering a therapeutically effective amount of the compound defined in claim 2 to said mammal.

15. A method of treating hyperproliferative diseases in a mammal comprising administering a therapeutically effective amount of the compound defined in claim 3 to said mammal.

16. A method of treating hyperproliferative diseases in a mammal comprising administering a therapeutically effective amount of the compound defined in claim 4 to said mammal.

17. A method of treating hyperproliferative diseases in a mammal comprising administering a therapeutically effective amount of the compound defined in claim 5 to said mammal.

18. A method of treating hyperproliferative diseases in a mammal comprising administering a therapeutically effective amount of the compound defined in claim 6 to said mammal.
19. A method of treating hyperproliferative diseases in a mammal comprising administering a therapeutically effective amount of the compound defined in claim 7 to said mammal.
20. A method of treating hyperproliferative diseases in a mammal comprising administering a therapeutically effective amount of the compound defined in claim 8 to said mammal.
21. A method of treating hyperproliferative diseases in a mammal comprising administering a therapeutically effective amount of the compound defined in claim 9 to said mammal.
22. A method of treating hyperproliferative diseases in a mammal comprising administering a therapeutically effective amount of the compound defined in claim 10 to said mammal.
23. A method of treating hyperproliferative diseases in a mammal comprising administering a therapeutically effective amount of the compound defined in claim 11 to said mammal.
24. A method of treating hyperproliferative diseases in a mammal comprising administering a therapeutically effective amount of the compound defined in claim 12 to said mammal.